

FIG. 1

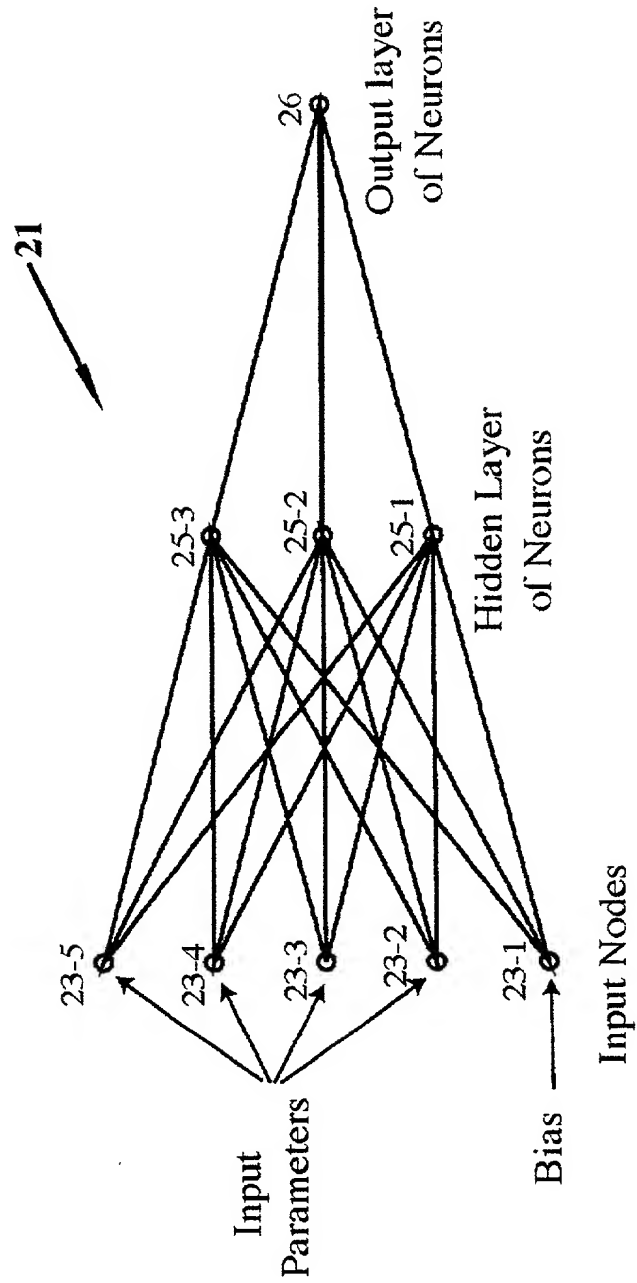


FIG. 2

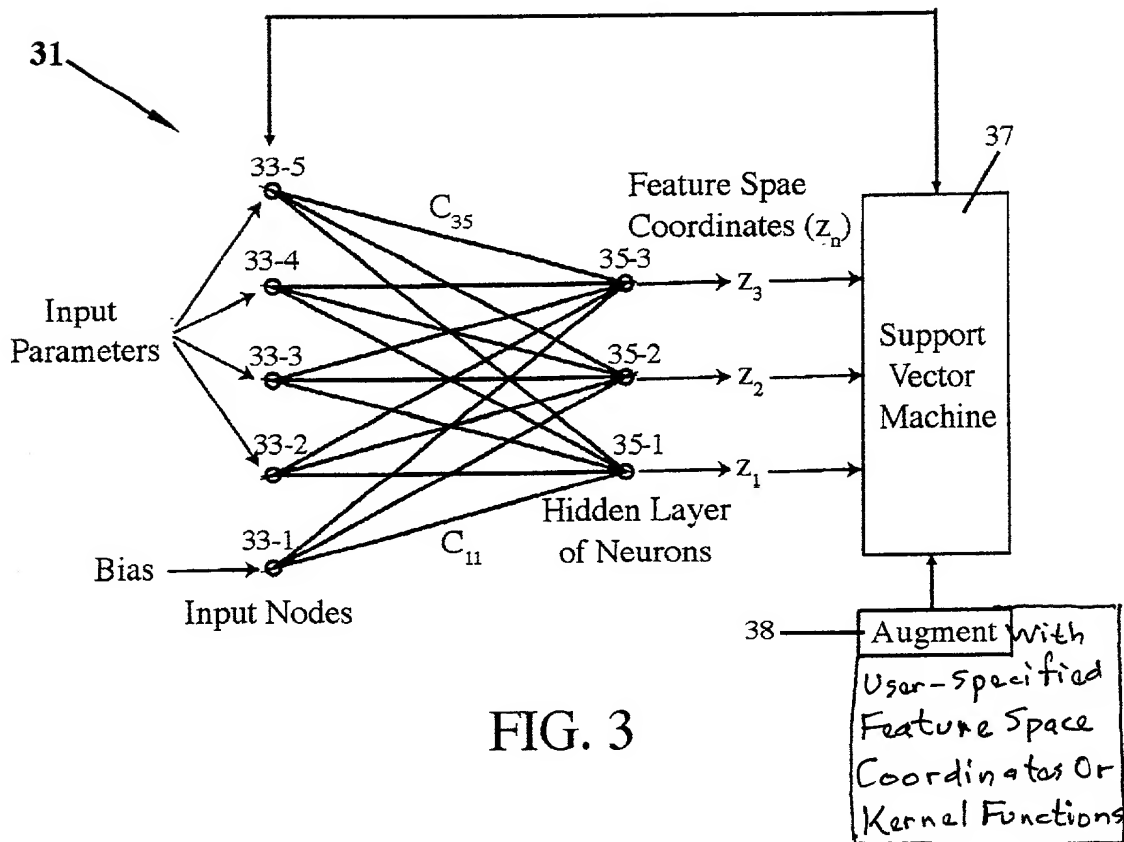


FIG. 3

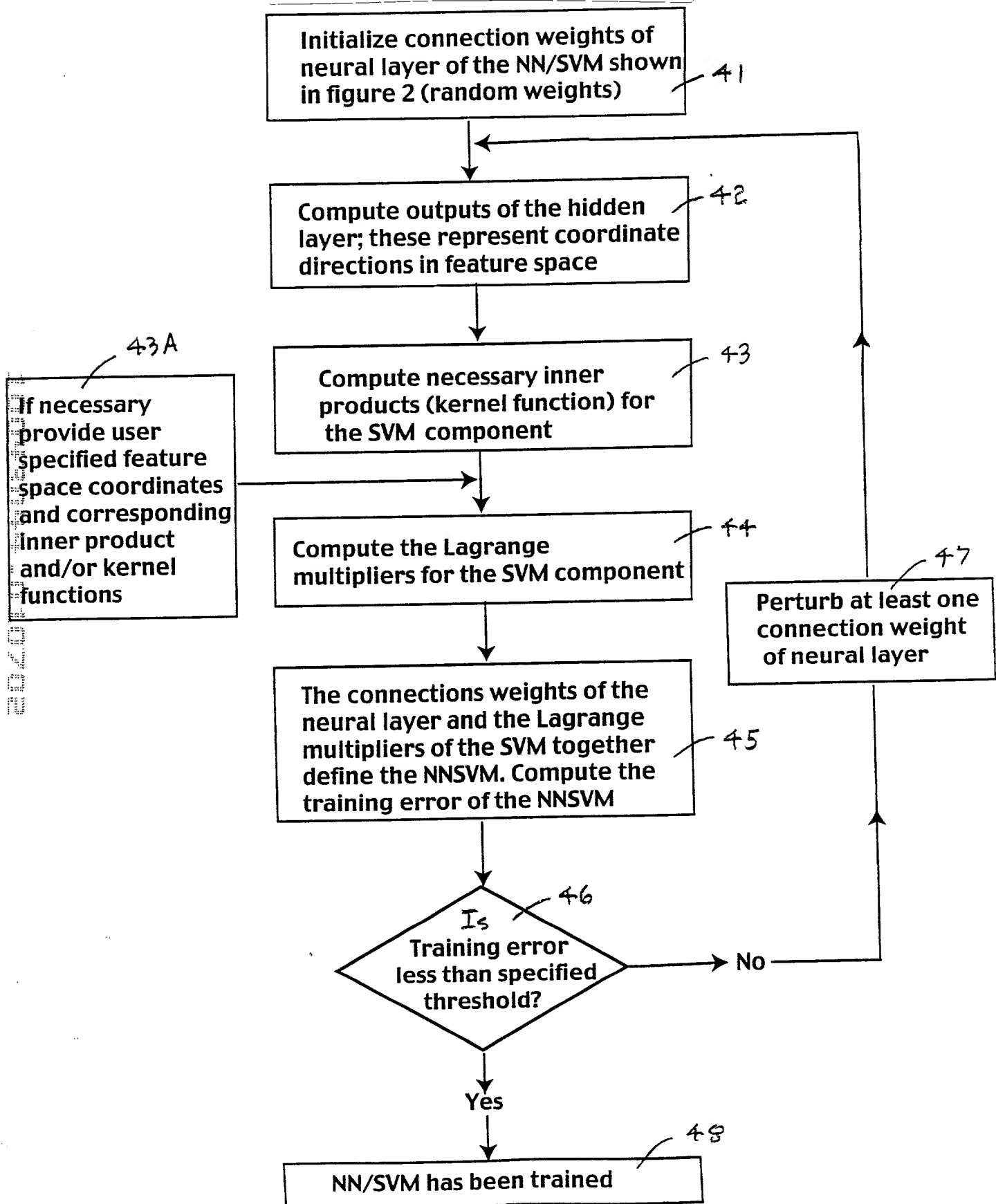


FIG. 4

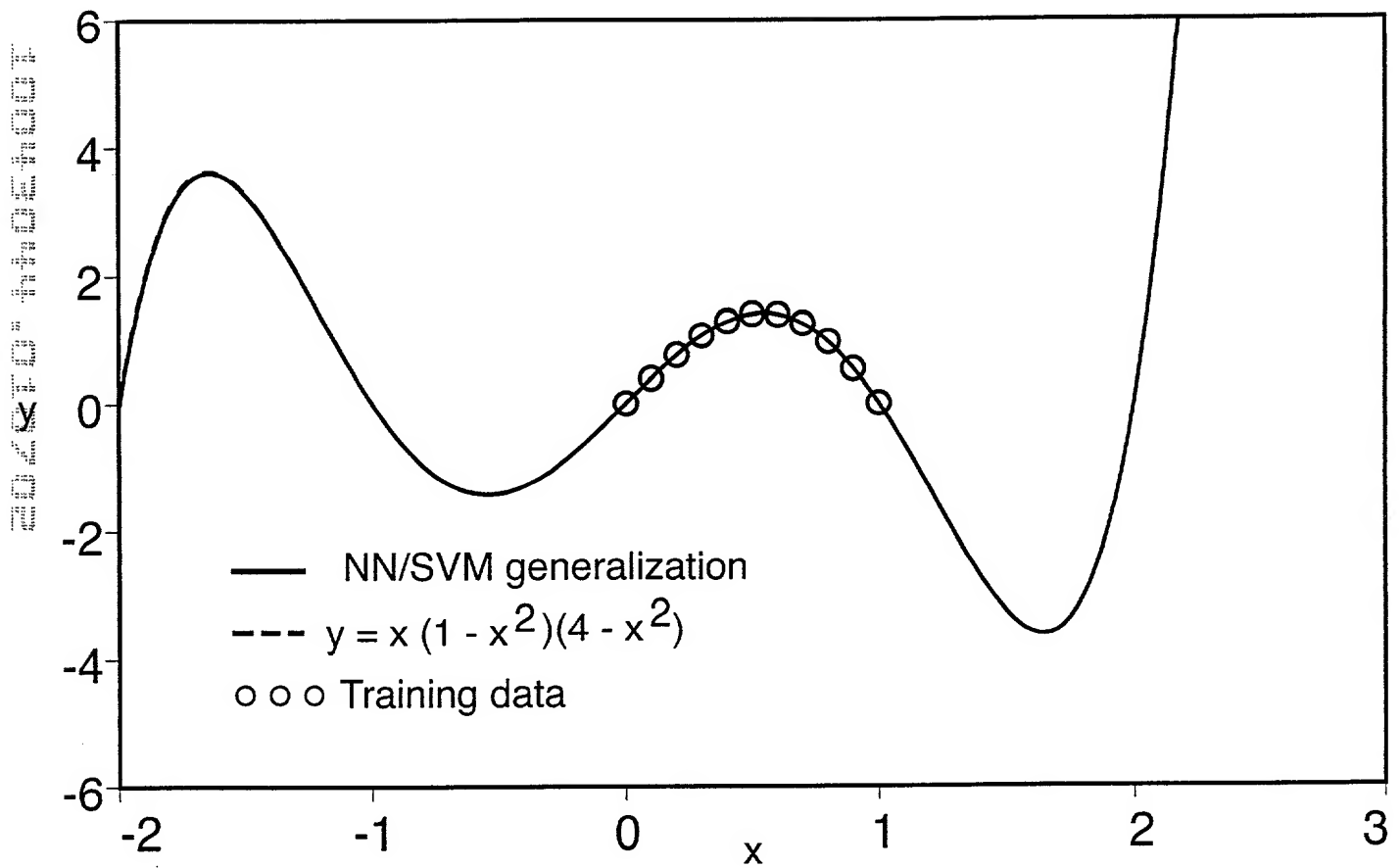


FIG. 5

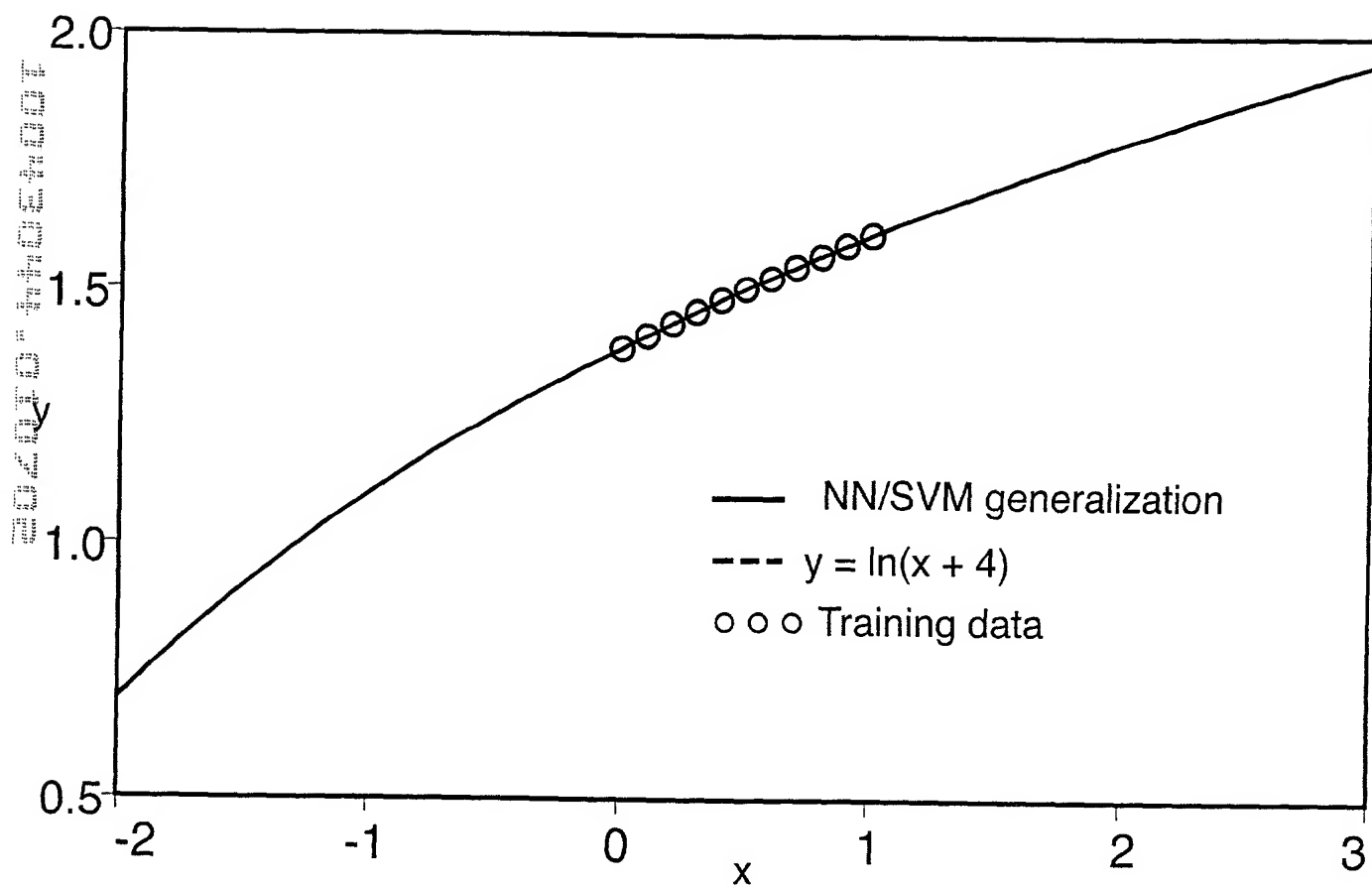


FIG. 6

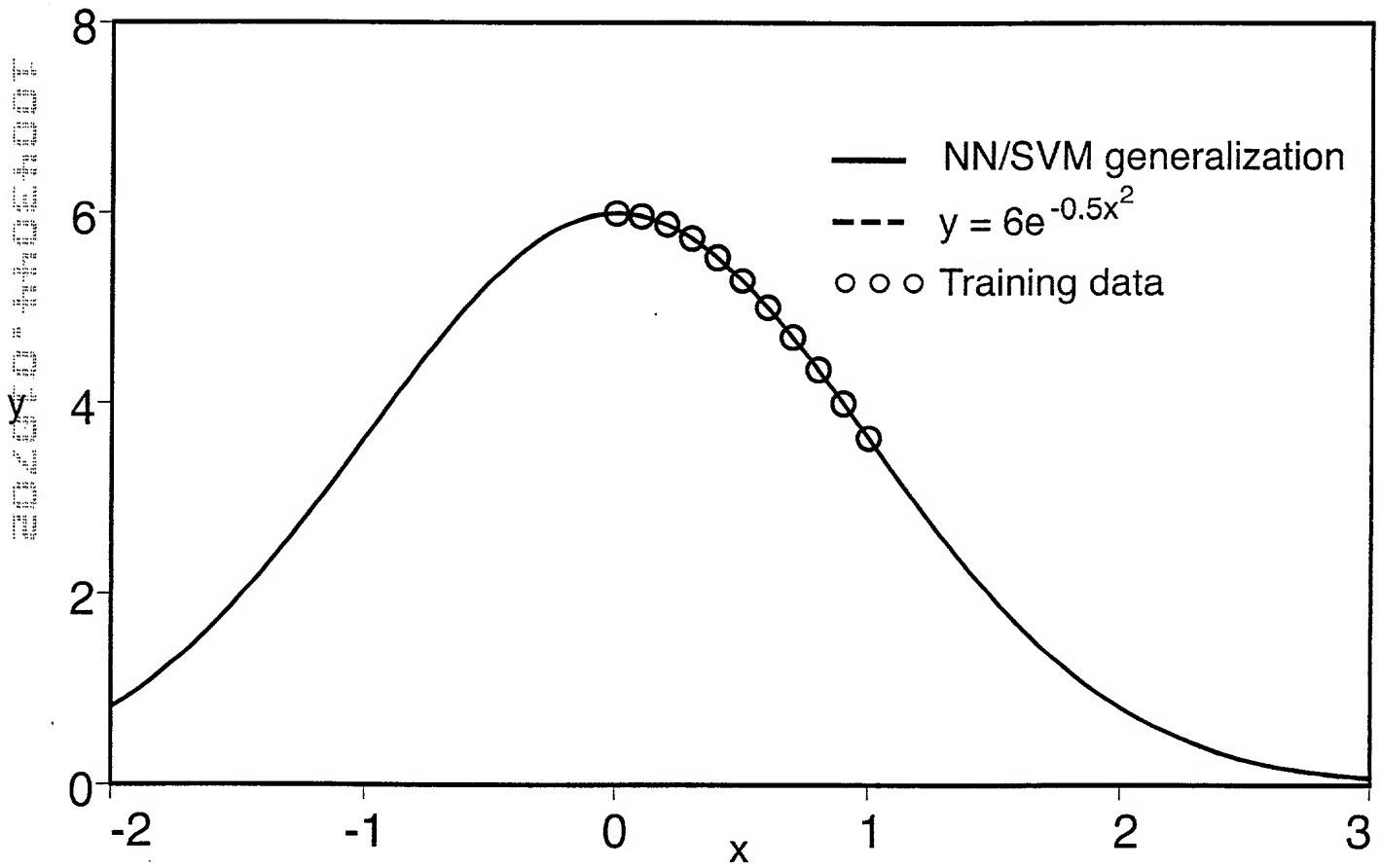


FIG. 7

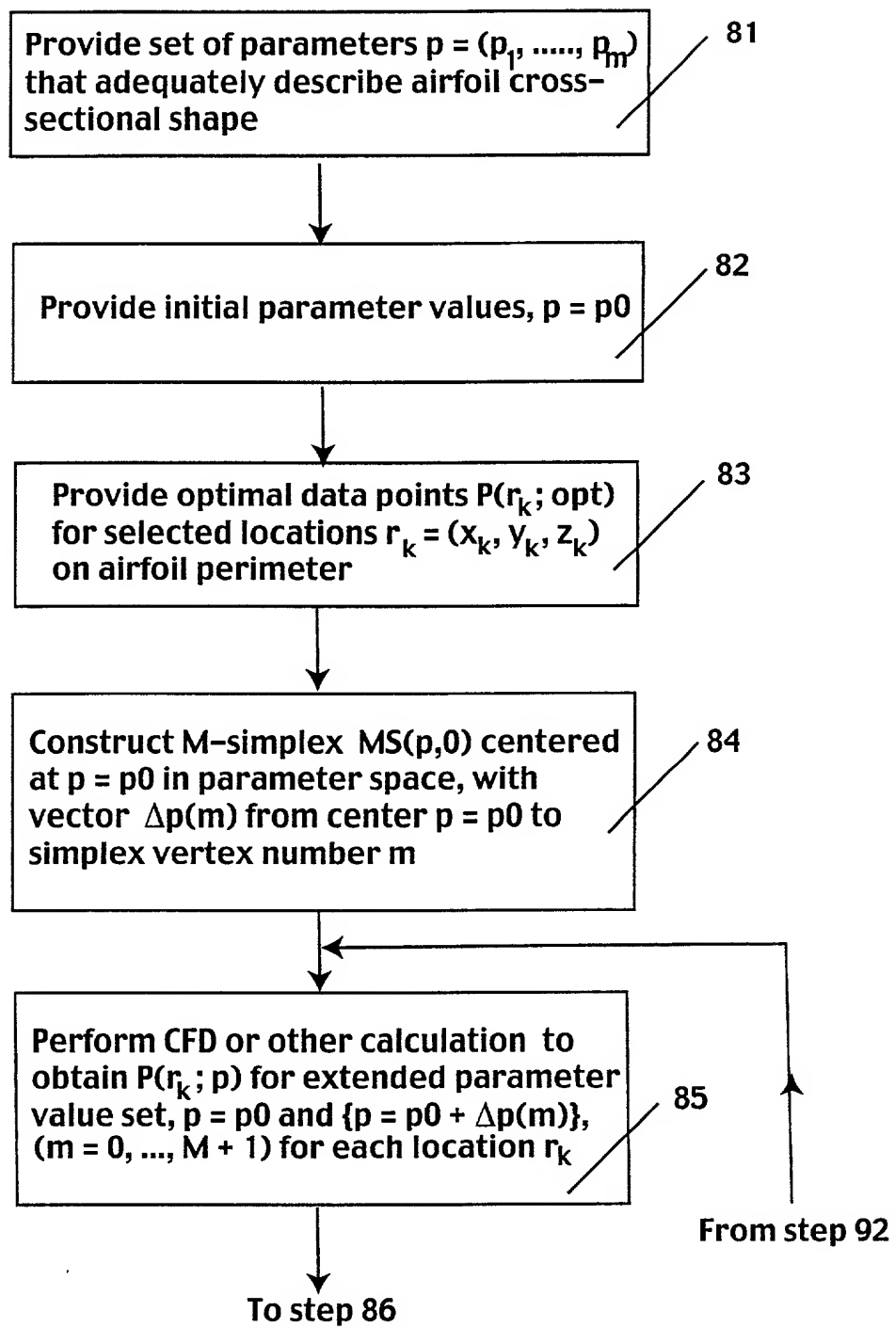


Fig. 8A

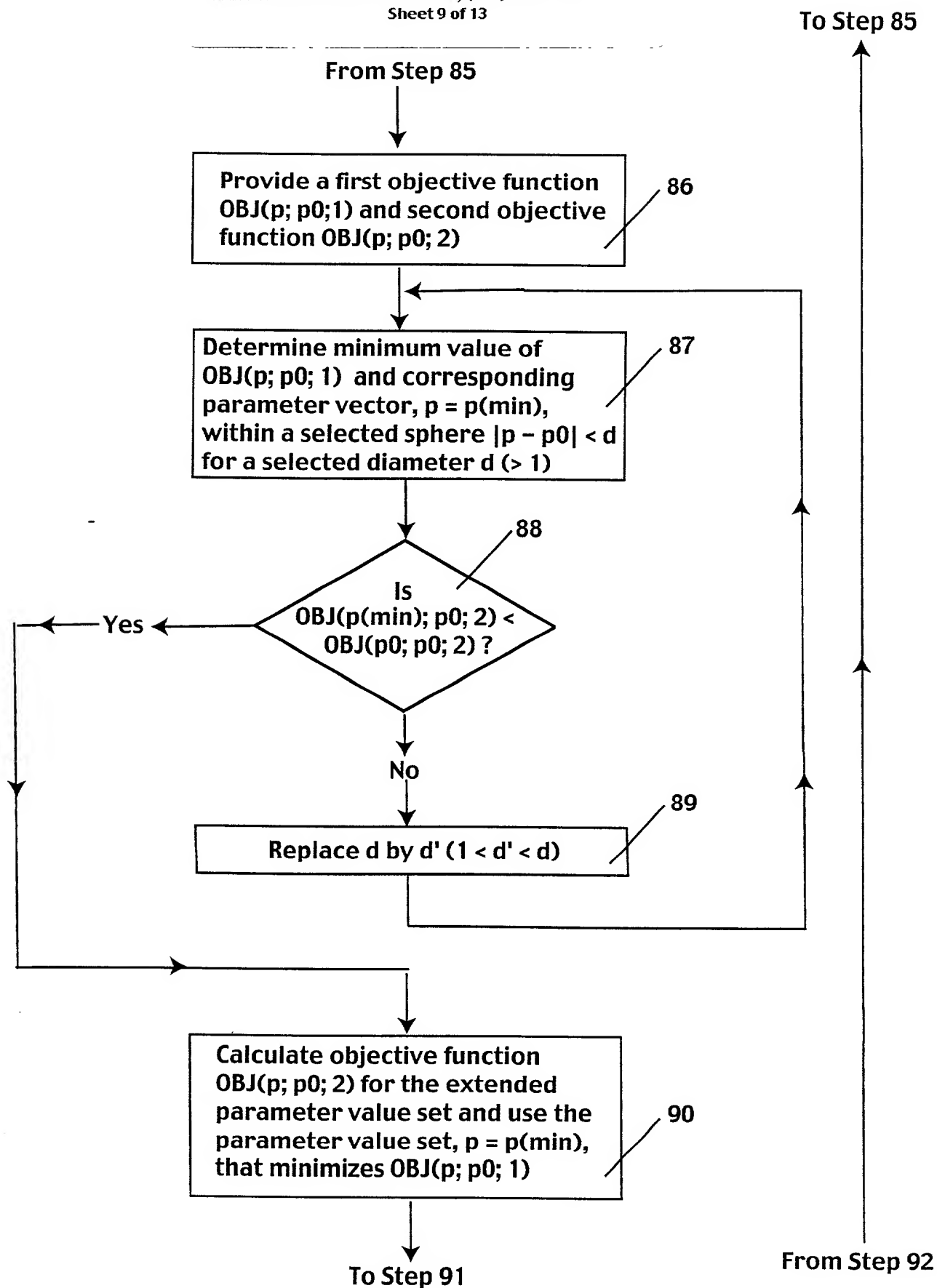


Fig. 8B

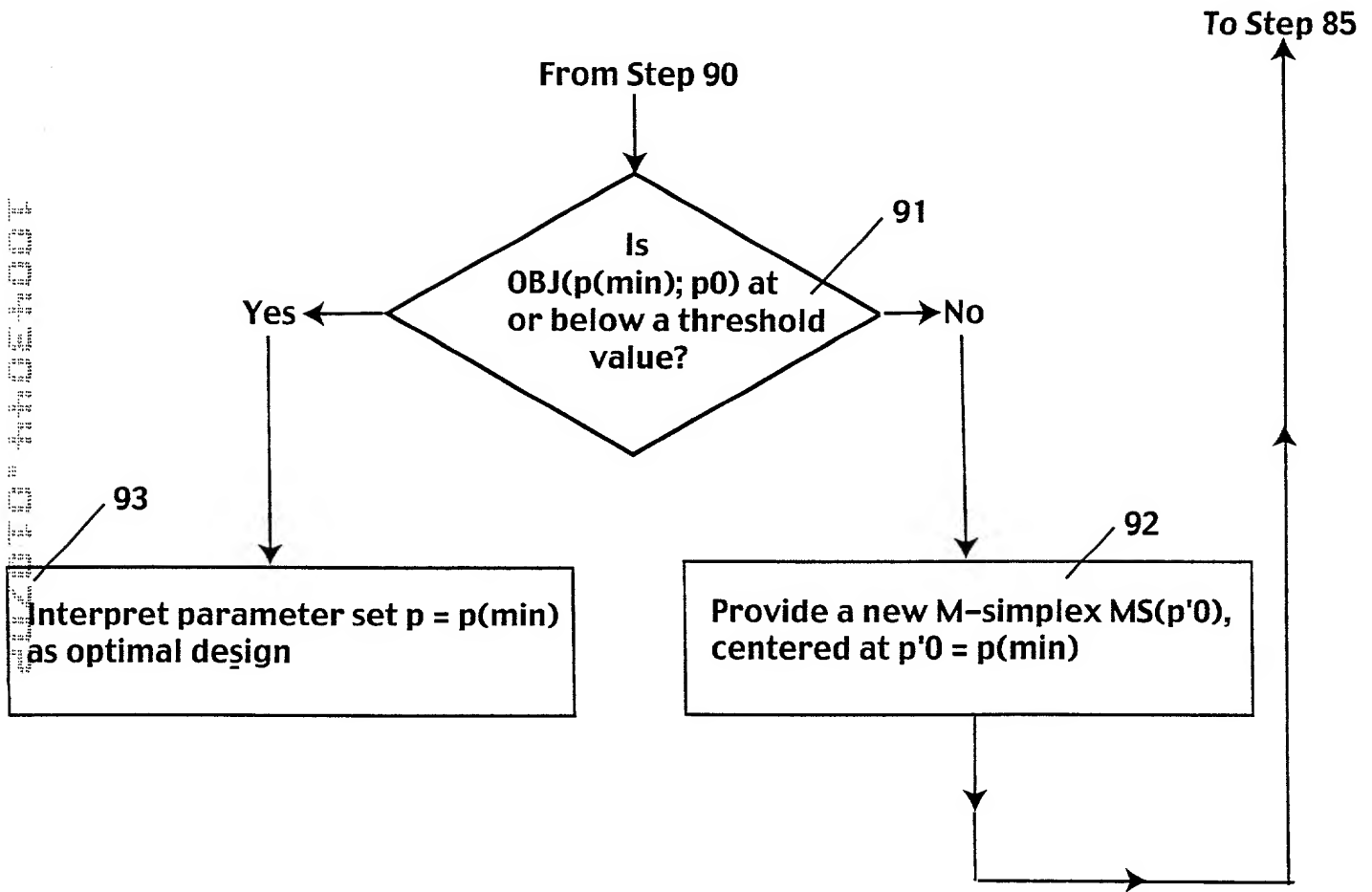


Fig. 8C

Optimized Airfoil Sections and Pressure Distributions

--- Target Airfoil Section
 — Optimal Airfoil Sections

ooo Target Pressure Data
 — Optimal Pressure Distributions

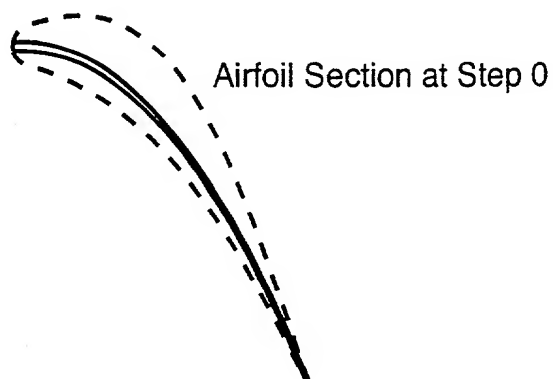


FIG. 9A-1

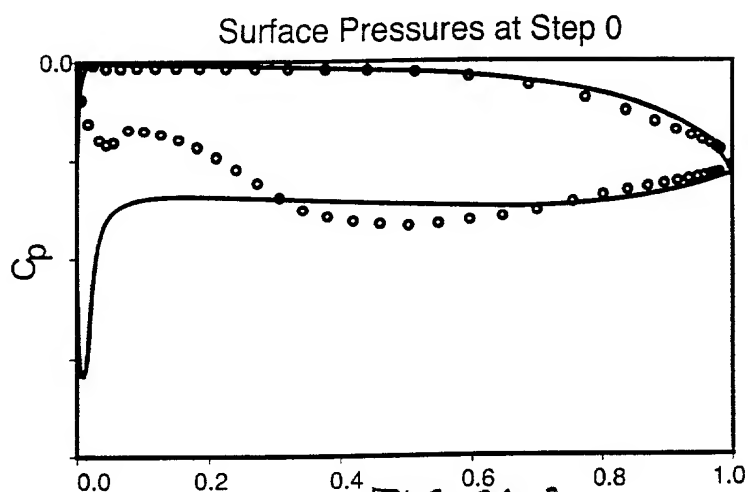


FIG. 9A-2

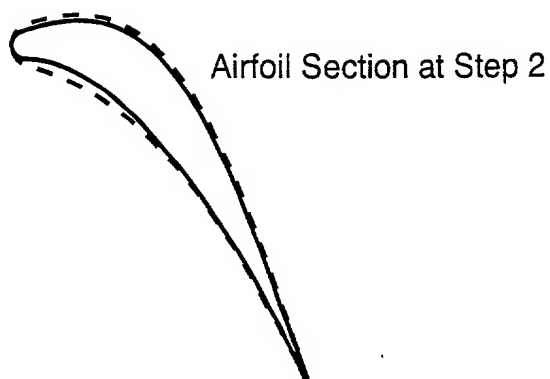


FIG. 9B-1

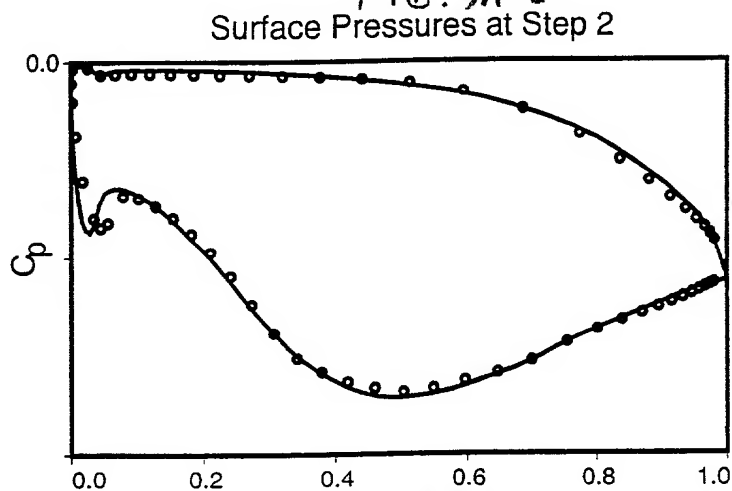


FIG. 9B-2

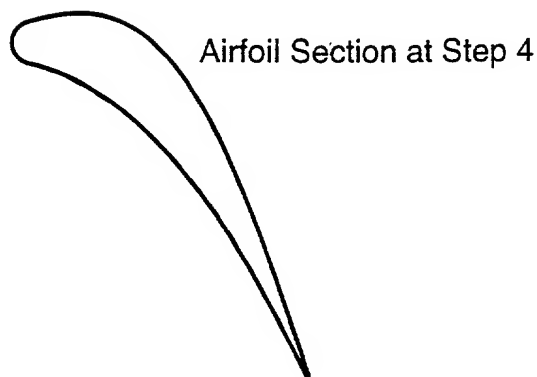


FIG. 9C-1

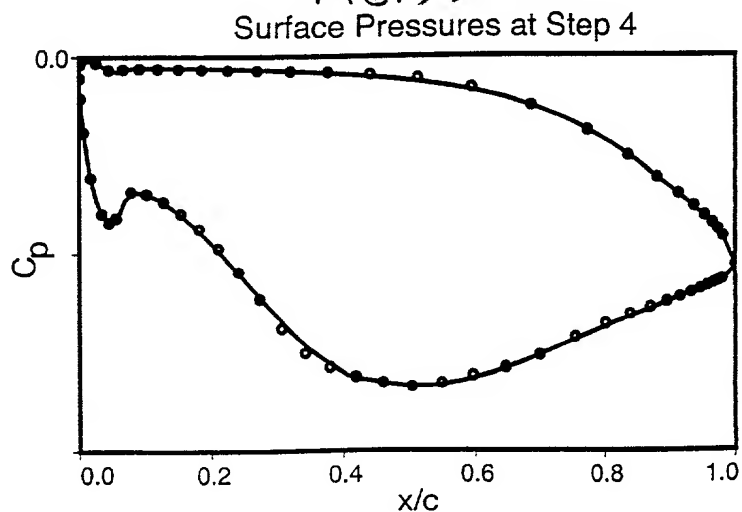


FIG. 9C-2

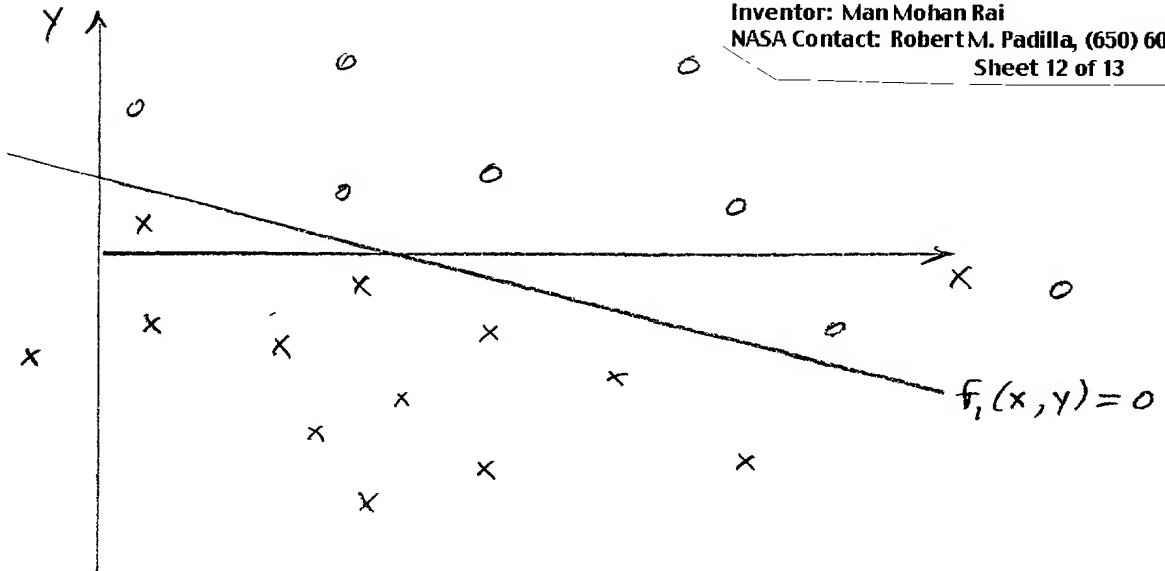


FIG. 10

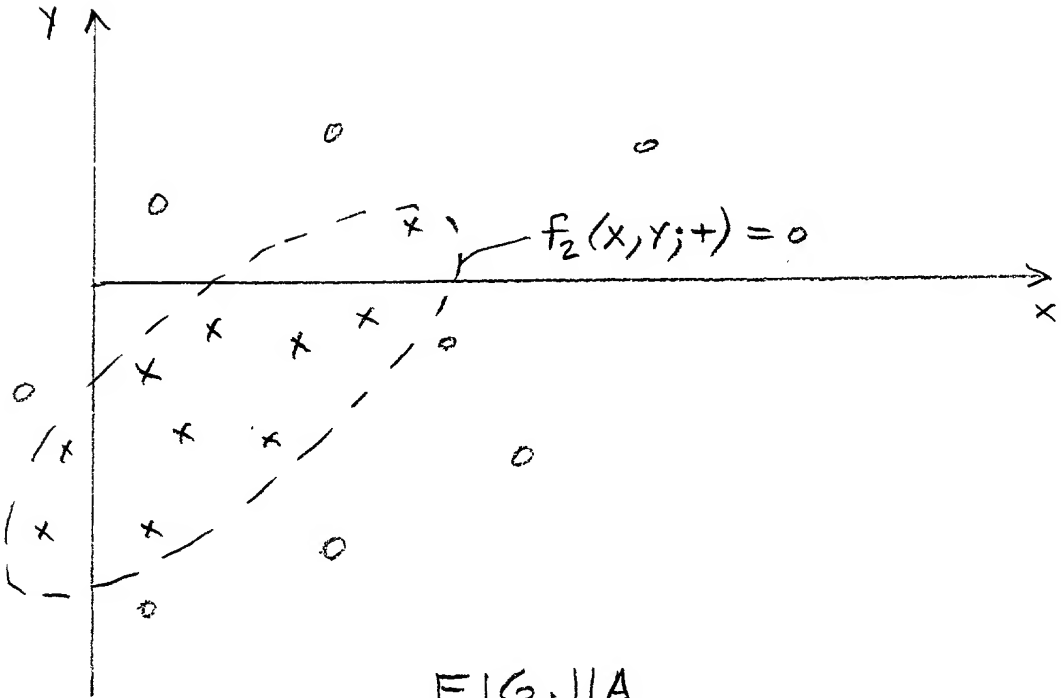


FIG. 11A

FIG. 11B

FIG. 12